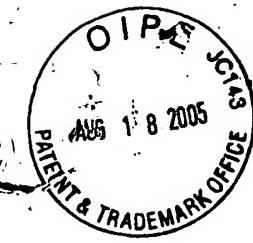


08-22-05

JCD2 Rec'd PCT/PPI 18 AUG 2005

PCT



Docket No.: 62870(70232)
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tatsuro Irimura et al.

Application No.: 10/524,970

Confirmation No.: 1465

Filed: February 18, 2005

Art Unit: N/A

For: USE OF LECTIN LIBRARY FOR
DISTINGUISHING GLYCOPROTEINS OR
CELLS, DIAGNOSING SERUM OR
CELLS, OR FRACTIONATING
GLYCOPROTEINS OR CELLS

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

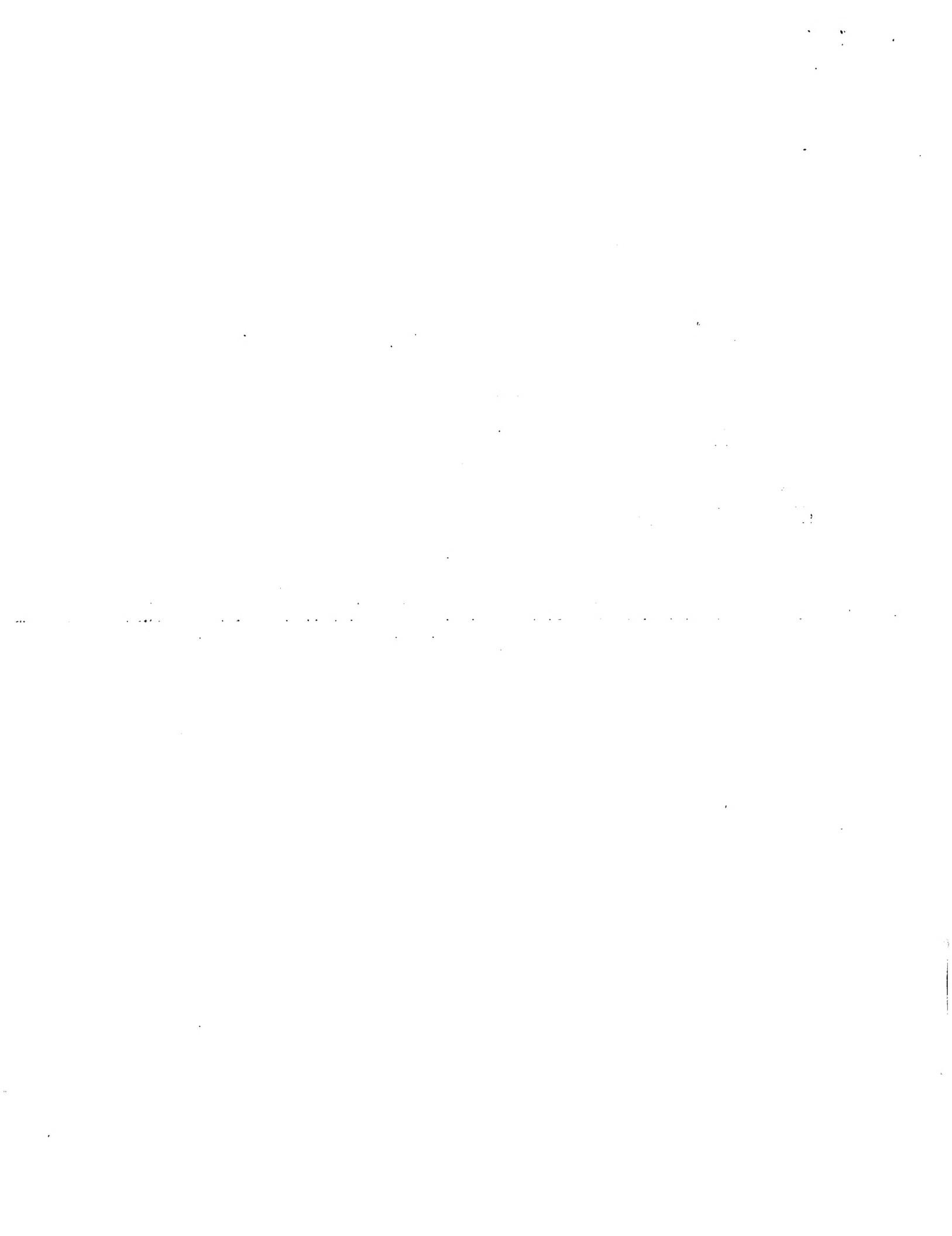
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

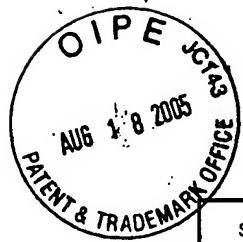
Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application as required by 37 CFR 1.98(a)(2)(i), amended October 2004, as the U.S. Patent and Trademark Office has waived this requirement for all U.S. patent applications. Applicant submits herewith copies of foreign and non-patents in accordance with 37 CFR 1.98(a)(2).





PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete If Known	
				Application Number	10/524,970-Conf. #1465
				Filing Date	February 18, 2005
				First Named Inventor	Tatsuro Irimura
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	62870(70232)

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
AA*	US-5,976,535	11-02-1999			
AB*	US-5,928,895	07-27-1999			

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)			
BA	EP 1 346 730 A1		09-24-2003		
BB	WO-95/15979		06-15-1995		
BC	EP 0 846 766 A2		06-10-1998		
BD	WO-02/0666633 A1		08-29-2002		
BE	WO-02/0666634 A1		08-29-2002		
BF	JP 9-506594		06-30-1997		
BG	JP 10-179176		07-07-1998		

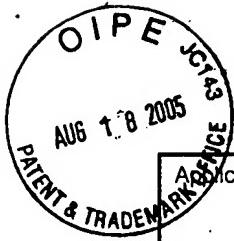
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW.³ ⁴ Applicant's unique citation designation number (optional). ⁵ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
CA		Maenuma, et al., "Mutated Plant Lectin Library To Be Used for Glyco-Informatics", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225			
CB		Komatsu, et al., "Random Extension of Outer Loops of Maackia Amurensis Hemagglutinin Generated Libraries with Diverse Specificity and Useful to Identify Cell Surface Glycosylation Profiles", Annual Conference of the Society for Glycobiology, 676			
CC		Yim, et al., "Mutated Plant Lectin Library Useful to Identify Different Cells", (2001) Proc. Natl. Acad. Sci. USA 98. 2222-2225.			
CD		Yim, et al., "Generation of Libraries of Genetically Engineered Plant Lectins with Diverse Carbohydrate Specificities" Abstract			
CE		A. Imberty, et al., "An Unusual Carbohydrate Binding Site Revealed by the Structures of Two Maackia Amurensis Lectins Complexed with Sialic Acid-containing Oligosaccharides", The Journal of Biological Chemistry, vol. 275, No. 23, Issue of June 9, pp. 17541-17548, 2000.			
CF		Schena, et al., "Increased Serum Levels of IgA1-IgG Immune complexes and anti-F(ab')2 antibodies in Patients with Primary IgA Nephropathy", Clin. exp. Immunol. (1989) 77, 15-20.			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered
--------------------	-----------------



Application No. (if known): 10/524,970

Attorney Docket No.: 62870(70232)

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV 654389537 US in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on August 18, 2005
Date

Eileen M. Woodbury
Signature

Eileen M. Woodbury
Typed or printed name of person signing Certificate

Registration Number, if applicable

(617) 439-4444
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Information Disclosure Statement (2 pages)
IDS (Citation) by Applicant (15 References) (1 page)